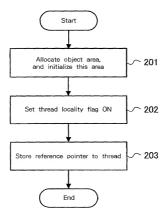


## Object generation process



Processing accompanied by skipping of lock Wait until unlocked Processing related to object locking process × es Yes Locked by another thread? Thread locality flag ON? Lock object Start End ŝ ŝ 302

-305

## Processing related to object unlocking process

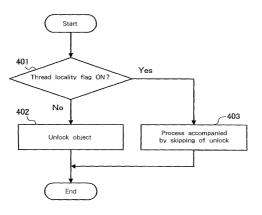
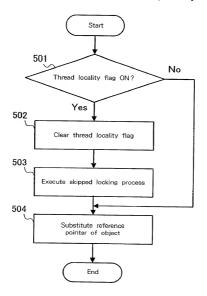


Fig. 4

Processing for canceling thread locality of object



## Garbage collection using thread locality flag

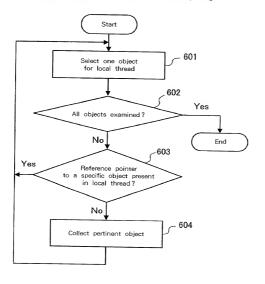


Fig. 6